

INTERMOUNTAIN GENERATING STATION

**Rt. 1, Box 864
Delta, Utah 84624**

Telephone (801) 864-4414

**RESULTS OF THE JUNE 13-15, 1989
RELATIVE ACCURACY TESTS
UNIT 1 CEMS
SCRUBBER INLET AND STACK**

**REFERENCE METHODS AND REPORTING BY
IPSC'S ENVIRONMENTAL DEPARTMENT**

Submitted to:

**UTAH BUREAU OF AIR QUALITY
P.O. Box 16690
Salt Lake City, Utah 84116**

Attention: Burnell Cordner

Approved by:


**S. Gale Chapman
President & Chief Operations Officer**

IP9_000071

1.

SUMMARY

Relative Accuracy tests were conducted on IGS Unit 1 June 13-15, 1989. The test results met the specifications set in 40 CFR Appendix B and are as follows:

<u>Analyzer</u>	<u>Serial No.</u>	<u>c.c.</u>	<u>d.</u>	<u>Relative Accuracy %</u>
Stack SO2	86-721A-6245-5	.00379	.00711	14.7
O2	C026776-1	.21058	.12000	6.5
NOx	16553-162	.00503	.00444	2.4
Inlet SO2	86-721A-6245-3	.01675	.02811	5.5
O2	C026344-1	.15022	.12778	5.6
NOx	19309-183	.00962	.00611	4.2

% Relative Accuracy = The absolute mean difference of the gas concentration or emission rate determined by the CEMS and the value determined by the Reference Method (RM) plus the 2.5 percent error confidence coefficient of a series of tests divided by the mean of the RM.

c.c. = 95% confidence coefficient.

d. = mean of the difference between the RM and the CEM data.

Criteria For Excessive Inaccuracy - The RA of the CEMS must be no greater than 20% of the mean value of the RM test data in terms of the standard.

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RESULTS OF THE JUNE 14-16, 1989
RELATIVE ACCURACY TESTS
UNIT 2 CEMS
SCRUBBER INLET AND STACK

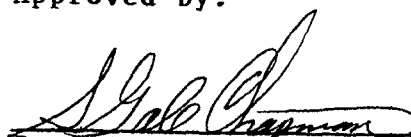
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IPSC'S ENVIRONMENTAL DEPARTMENT

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Approved by:


S. Gale Chapman
President & Chief Operations Officer

IP9_000073

1.

SUMMARY

Relative Accuracy tests were conducted on IGS Unit 2 June 14-16, 1989. The test results met the specifications set in 40 CFR Appendix B and are as follows:

<u>Analyzer</u>	<u>Serial No.</u>	<u>c.c.</u>	<u>d.</u>	<u>Relative Accuracy %</u>
Stack SO2	86-721A-6245-2	.00430	.00044	11.0
02	C026776-3	.09820	.22778	6.3
NOx	16514-162	.00477	.00900	3.6
Inlet SO2	86-721A-6245-1	.04962	.03130	8.6
02	C026776-4	.05800	.02220	1.6
NOx	19312-182	.00273	.01567	5.5

% Relative Accuracy = The absolute mean difference of the gas concentration or emission rate determined by the CEMS and the value determined by the Reference Method (RM) plus the 2.5 percent error confidence coefficient of a series of tests divided by the mean of the RM.

c.c. = 95% confidence coefficient.

d. = mean of the difference between the RM and the CEM data.

Criteria For Excessive Inaccuracy - The RA of the CEMS must be no greater than 20% of the mean value of the RM test data in terms of the standard.